

Law Offices of Natan Epstein
Attorney Docket DE011

SN 10/692,830

MARKED UP LISTING OF THE AMENDED CLAIMS
Responsive to First Office Action Mailed 03/09/2005

1 (currently amended). A wheelchair having a wheelchair frame including a seat supported on said frame and a backrest pivotable on said frame between an upright position and a reclined position, a pair of rear wheels journaled to said frame for rotation about a rear wheel axis, and ~~one or more~~ anti-tip legs attached to said frame and movable between a retracted position and a ground contacting extended position responsive to pivoting movement of said backrest; and

detent arms connected to said backrest and having forward ends located forwardly of said backrest such that a person seated in said wheelchair can hold said forward ends for pivoting said backrest between said upright position and said reclined position.

2 (original). The wheelchair of Claim 1 wherein there are two ~~said one or more~~ anti-tip legs ~~comprise two~~ legs.

3 (original). The wheelchair of Claim 1 wherein said legs are arranged for contacting a ground surface behind said rear wheel axis.

4. (original) The wheelchair of Claim 1 said legs are mounted for generally vertical sliding movement on said frame and said backrest has linkage arms connected for urging said legs downwardly into said ground contacting position responsive to rearward pivoting of said backrest.

5 (original). The wheelchair of Claim 4 wherein said legs are vertically slidable through leg holders fastened to said wheelchair frame.

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6 (currently amended). The wheelchair of Claim 5 wherein said leg holders are removably ~~removable~~ fastened to said wheelchair frame.

7 (original). The wheelchair of Claim 6 wherein said wheelchair frame has a pair of bottom tubes terminating in rear ends behind said rear wheel axis and said leg holders are fastened to said rear ends.

8 (original). The wheelchair of Claim 7 wherein said leg holders comprise holder sleeves fitted to said rear ends and sleeve fasteners for securing said holder sleeves to said rear ends.

9 (original). The wheelchair of Claim 1 further comprising a mounting plate fastened to each side of said wheelchair frame, a linkage arm pivoted to each said mounting plate, wherein said backrest is supported on each said linkage arm for pivotal movement therewith relative to said wheelchair frame, and each linkage arm is connected for moving said legs between said retracted position and said extended position responsive to pivoting movement of said backrest.

Cancel Claim 10. ~~The wheelchair of Claim 9 further comprising left and right detent arms connected to said backrest and having forward ends located forward of said backrest such that a person seated in said wheelchair can hold said forward ends for pivoting said backrest between said upright position and said reclined position.~~

11 (currently amended). The wheelchair of Claim 1 ~~Claim 10~~ further comprising a handgrip on each of said forward ends.

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12 (currently amended). The wheelchair of Claim 1 ~~Claim 11~~ further comprising a spring connected for urging said detent arms to a forwardmost position corresponding to said upright position of said backrest.

13 (original). The wheelchair of Claim 1 wherein said legs are spring loaded towards said retracted position.

14 (original). The wheelchair of Claim 1 wherein said legs and said backrest are spring loaded towards a retracted and upright position respectively.

15 (currently amended). The wheelchair of Claim 1 further comprising spring means urging said legs towards said retracted position and wherein said backrest has a pair of linkage arms connected to said anti-tip legs for depressing said anti tip legs ~~against said urging into~~ said ground contacting position responsive to reclining movement of said backrest.

16 (currently amended). The wheelchair of Claim 1 wherein said wheelchair frame has a pair of armrests and a detent plate under each of said armrests, said detent plate having a slot including a plurality of detent notches open to said slot, wherein each said ~~backrest having a detent arm~~ is attached to said backrest at one end and captive at another end for displacement along said slot, said other end being engageable in any one of said detent notches for detaining said backrest at one or more positions intermediate to said upright position and said reclined position.

17 (original). The wheelchair of Claim 16 further comprising a spring connected between said detent arm and said detent plate for spring biasing said backrest towards said upright position.

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18 (original). The wheelchair of Claim 1 wherein said reclining backrest is removably attached to said wheelchair frame such that said reclining backrest is interchangeable with a non-reclining backrest.

19 (currently amended). A wheelchair having a wheelchair frame including a seat supported on said frame and a backrest pivotable on said frame between an upright position and a reclined position, a pair of armrests on left and right sides of said seat, a pair of rear wheels journaled to said frame for rotation about a rear wheel axis, a pair of anti-tip legs attached to said frame and movable between a retracted position and an extended position for contacting a ground surface behind said rear wheel axis responsive to pivoting movement of said backrest, and handgrips supported near said armrests forwardly of said backrest, said handgrips connected to said backrest such that a person seated in said wheelchair may operate said handgrips for pivoting said backrest between said upright position and said reclined position.

20 (currently amended). The wheelchair of Claim 19 further comprising left and right detent arms connecting said handgrips having connected to said backrest and having forward ends located within reach of a person seated in said wheelchair for pivoting said backrest between said upright position and said reclined position.

Cancel Claim 21. ~~The wheelchair of Claim 20 further comprising a handgrip on each of said forward ends.~~

22 (currently amended). The wheelchair of Claim 19 wherein said wheelchair frame has ~~a pair of armrests and~~ a detent plate along each of said armrests, each said detent plate having a slot including a plurality of detent notches open to said slot, ~~said backrest having a pair of detent arms attached to said backrest and captive at a forward end thereof for displacement along said slot, said~~ handgrips forward end being engageable in any one of said detent notches for detaining said backrest at one or more positions intermediate to said upright position and said reclined position.

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Cancel Claim 23. ~~The wheelchair of Claim 10 further comprising a pair of linkage arms pivoted to said wheelchair frame, said backrest being supported between said linkage arms for pivotal movement therewith relative to said wheelchair frame, and wherein said linkage arms are connected for moving said legs between said retracted position and said extended position responsive to pivoting movement of said backrest.~~

24 (currently amended). The wheelchair of Claim 19 ~~Claim 4~~ wherein said legs are mounted for generally vertical sliding movement on said frame, said backrest is connected for urging said legs downwardly into said ground contacting position responsive to rearward pivoting of said backrest, and said backrest and said legs are spring loaded towards said upright position and said retracted position respectively.

25 (original). A wheelchair having a wheelchair frame including a seat supported on said frame and a backrest pivotable on said frame between an upright position and a reclined position, a pair of rear wheels journaled to said frame for rotation about a rear wheel axis, a pair of anti-tip legs attached to said frame and movable between a retracted position and an extended position for contacting a ground surface behind said rear wheel axis responsive to pivoting movement of said backrest;

a pair of armrests on said wheelchair frame and a detent plate along each of said armrests, each said detent plate having a slot including a plurality of detent notches open to said slot, said backrest having a pair of detent arms attached to said backrest and captive at a forward end thereof for displacement along said slot, said forward end being engageable in any one of said detent notches for detaining said backrest at one or more positions intermediate to said upright position and said reclined position; and
a handgrip on each said forward end.

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26 (original). The wheelchair of Claim 25 further comprising a pair of linkage arms pivoted to said wheelchair frame, said backrest being supported on said linkage arms for pivotal movement therewith relative to said wheelchair frame, and wherein said linkage arms are connected for moving said legs between said retracted position and said extended position responsive to pivoting movement of said backrest.

27 (original). The wheelchair of Claim 25 wherein said backrest, said legs and said detent arms are spring biased towards said upright position, said retracted position and a forwardmost position, respectively.

28 (new). The wheelchair of Claim 19 wherein said reclining backrest is removably attached to said wheelchair frame such that said reclining backrest is interchangeable with a non-reclining backrest.

29 (new). The wheelchair of Claim 25 wherein said reclining backrest is removably attached to said wheelchair frame such that said reclining backrest is interchangeable with a non-reclining backrest.

30 (new). A wheelchair having a wheelchair frame including a seat supported on said frame and a backrest pivotable on said frame between an upright position and a reclined position, a pair of rear wheels journaled to said frame for rotation about a rear wheel axis, and one or more anti-tip legs attached to said frame and mounted for generally vertical sliding movement on said frame between a retracted position and a ground contacting extended position responsive to pivoting movement of said backrest.

31 (new). The wheelchair of Claim 30 wherein said legs are vertically slidable through leg holders fastened to said wheelchair frame.

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32 (new). The wheelchair of Claim 31 wherein said leg holders are removably fastened to said wheelchair frame.

33 (new). The wheelchair of Claim 32 wherein said wheelchair frame has a pair of bottom tubes terminating in rear ends behind said rear wheel axis and said leg holders are fastened to said rear ends.

34 (new). The wheelchair of Claim 33 wherein said leg holders comprise holder sleeves fitted to said rear ends and sleeve fasteners for securing said holder sleeves to said rear ends.

35 (new). The wheelchair of Claim 30 further comprising a mounting plate fastened to each side of said wheelchair frame, a linkage arm pivoted to each said mounting plate, wherein said backrest is supported on each said linkage arm for pivotal movement therewith relative to said wheelchair frame, and each linkage arm is connected for moving said legs between said retracted position and said extended position responsive to pivoting movement of said backrest.

36 (new). The wheelchair of Claim 30 wherein said reclining backrest is removably attached to said wheelchair frame such that said reclining backrest is interchangeable with a non-reclining backrest.

37 (new). The wheelchair of Claim 30 wherein said wheelchair frame has a pair of armrests and a detent plate under each of said armrests, said detent plate having a slot including a plurality of detent notches open to said slot, a detent arm attached to said backrest at one end and captive at another end for displacement along said slot, said other end being engageable in any one of said detent notches for detaining said backrest at one or more positions intermediate to said upright position and said reclined position.